

FIG. 1

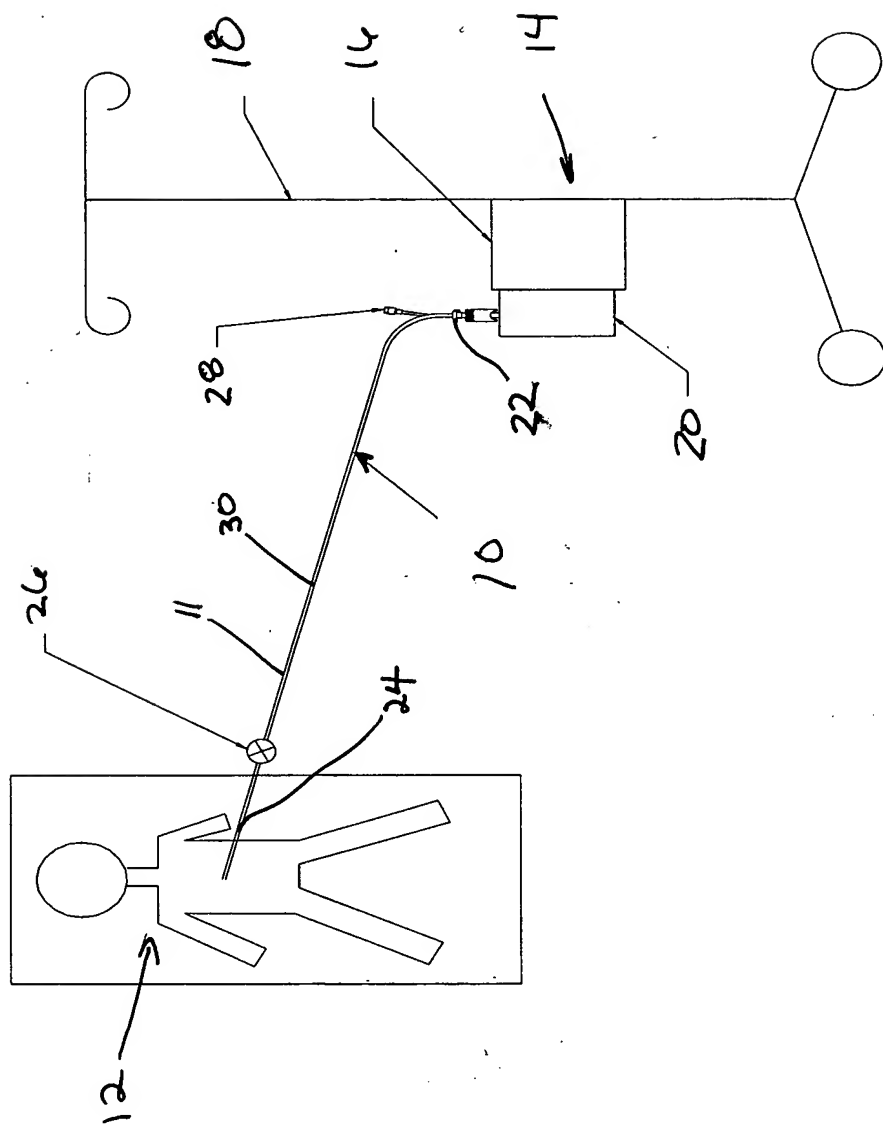
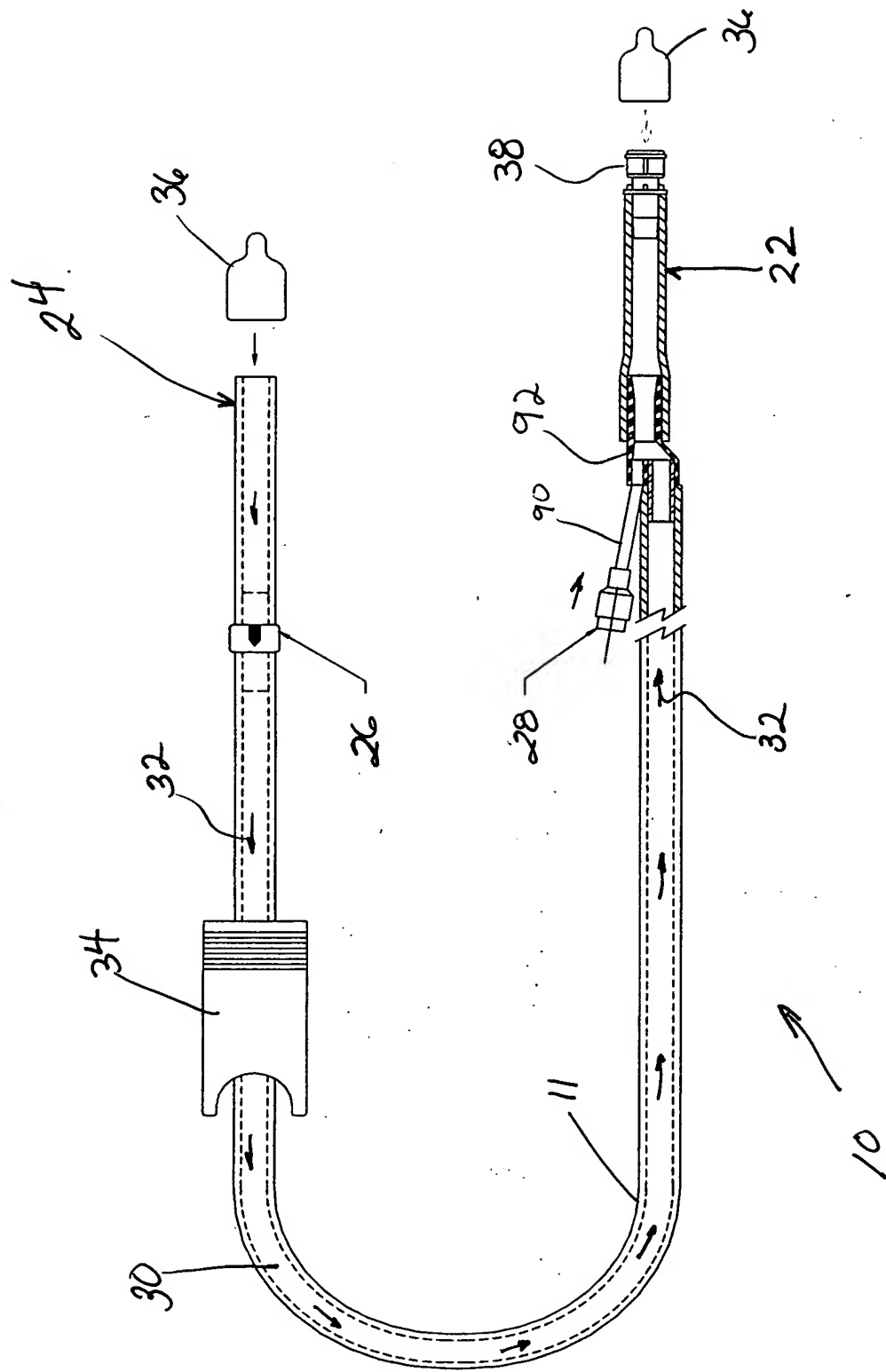


FIG. 2



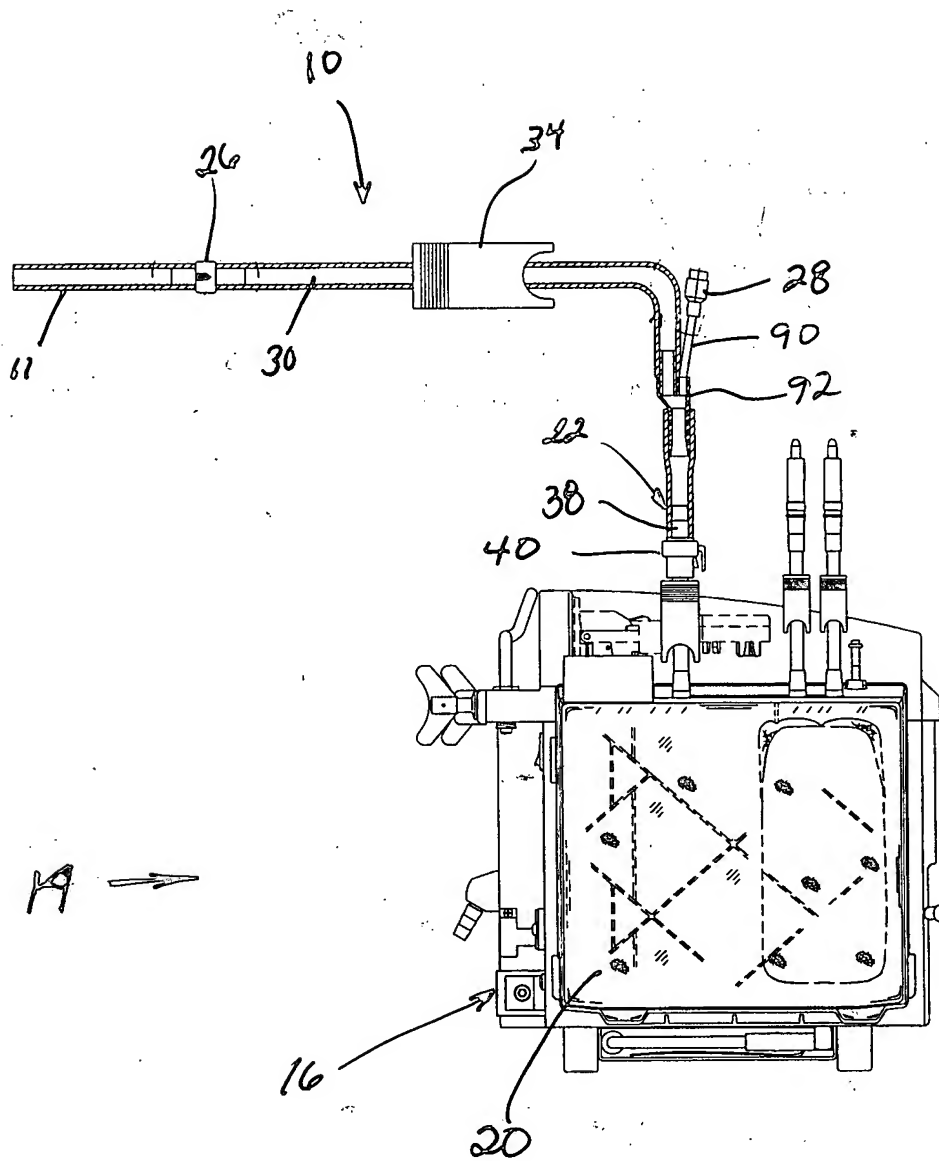


FIG. 3A

The diagram illustrates a medical device system 10. It features a catheter 12 with a proximal handle 26 and a distal tip 30. The handle 26 includes a trigger 28 and a control knob 34. The catheter 12 is connected to a pump 361 via a tube 36. The pump 361 is driven by a motor 350 and includes a seal 355. A controller 117 is connected to the pump 361 and the catheter 12. The catheter 12 is shown in a cross-sectional view, revealing internal components such as a lumen 304, a valve 308, and a piston 310. The catheter 12 is also connected to a reservoir 20 via a tube 40. The reservoir 20 contains a fluid 42 and a piston 44. The reservoir 20 is connected to the catheter 12 via a tube 46. The catheter 12 is also connected to a tube 48, which is connected to a tube 50. The tube 50 is connected to a tube 52, which is connected to a tube 54. The tube 54 is connected to a tube 56, which is connected to a tube 58. The tube 58 is connected to a tube 60, which is connected to a tube 62. The tube 62 is connected to a tube 64, which is connected to a tube 66. The tube 66 is connected to a tube 68, which is connected to a tube 70. The tube 70 is connected to a tube 72, which is connected to a tube 74. The tube 74 is connected to a tube 76, which is connected to a tube 78. The tube 78 is connected to a tube 80, which is connected to a tube 82. The tube 82 is connected to a tube 84, which is connected to a tube 86. The tube 86 is connected to a tube 88, which is connected to a tube 90. The tube 90 is connected to a tube 92, which is connected to a tube 94. The tube 94 is connected to a tube 96, which is connected to a tube 98. The tube 98 is connected to a tube 100, which is connected to a tube 102. The tube 102 is connected to a tube 104, which is connected to a tube 106. The tube 106 is connected to a tube 108, which is connected to a tube 110. The tube 110 is connected to a tube 112, which is connected to a tube 114. The tube 114 is connected to a tube 116, which is connected to a tube 118. The tube 118 is connected to a tube 120, which is connected to a tube 122. The tube 122 is connected to a tube 124, which is connected to a tube 126. The tube 126 is connected to a tube 128, which is connected to a tube 130. The tube 130 is connected to a tube 132, which is connected to a tube 134. The tube 134 is connected to a tube 136, which is connected to a tube 138. The tube 138 is connected to a tube 140, which is connected to a tube 142. The tube 142 is connected to a tube 144, which is connected to a tube 146. The tube 146 is connected to a tube 148, which is connected to a tube 150. The tube 150 is connected to a tube 152, which is connected to a tube 154. The tube 154 is connected to a tube 156, which is connected to a tube 158. The tube 158 is connected to a tube 160, which is connected to a tube 162. The tube 162 is connected to a tube 164, which is connected to a tube 166. The tube 166 is connected to a tube 168, which is connected to a tube 170. The tube 170 is connected to a tube 172, which is connected to a tube 174. The tube 174 is connected to a tube 176, which is connected to a tube 178. The tube 178 is connected to a tube 180, which is connected to a tube 182. The tube 182 is connected to a tube 184, which is connected to a tube 186. The tube 186 is connected to a tube 188, which is connected to a tube 190. The tube 190 is connected to a tube 192, which is connected to a tube 194. The tube 194 is connected to a tube 196, which is connected to a tube 198. The tube 198 is connected to a tube 200.

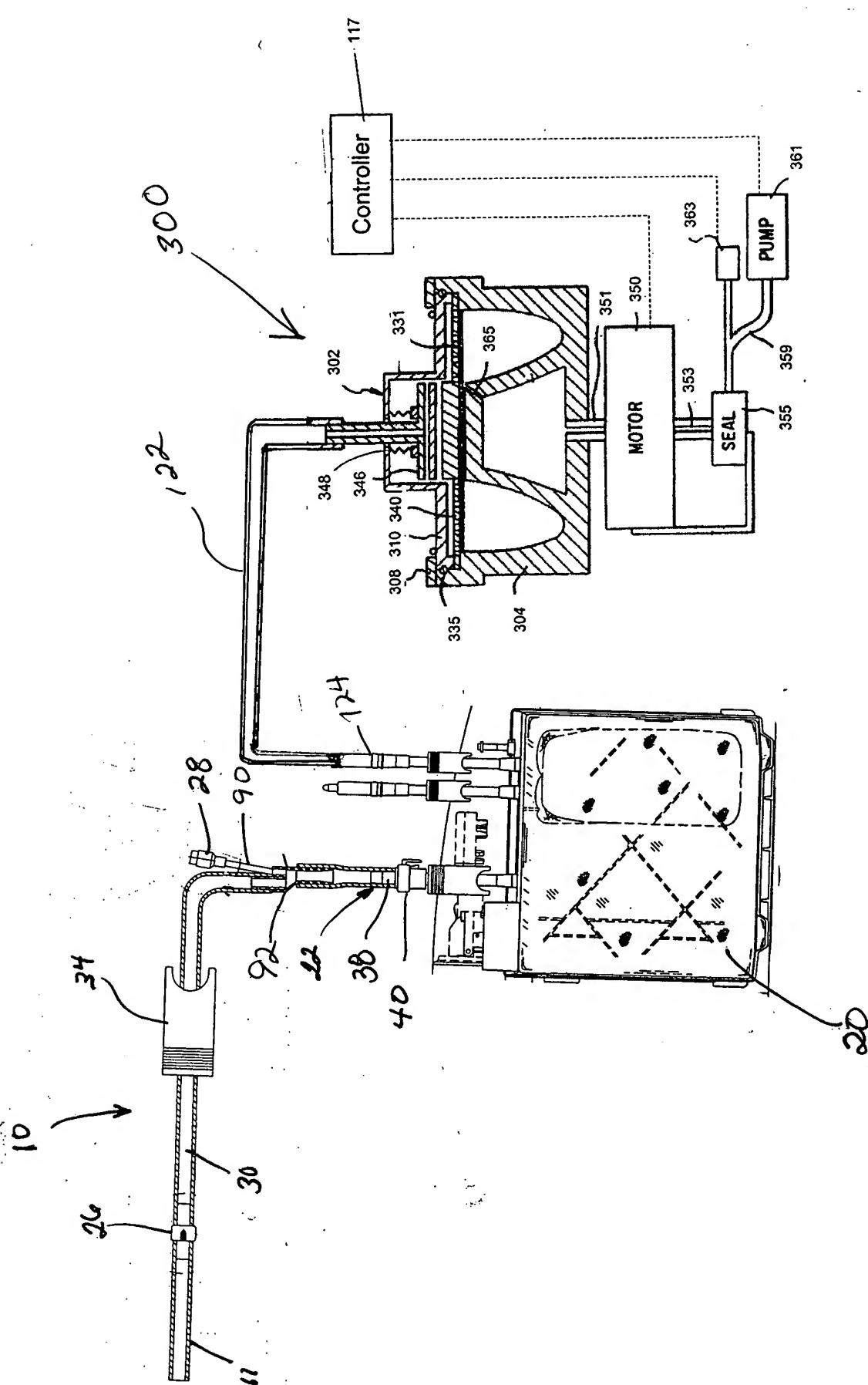


FIG. 4A

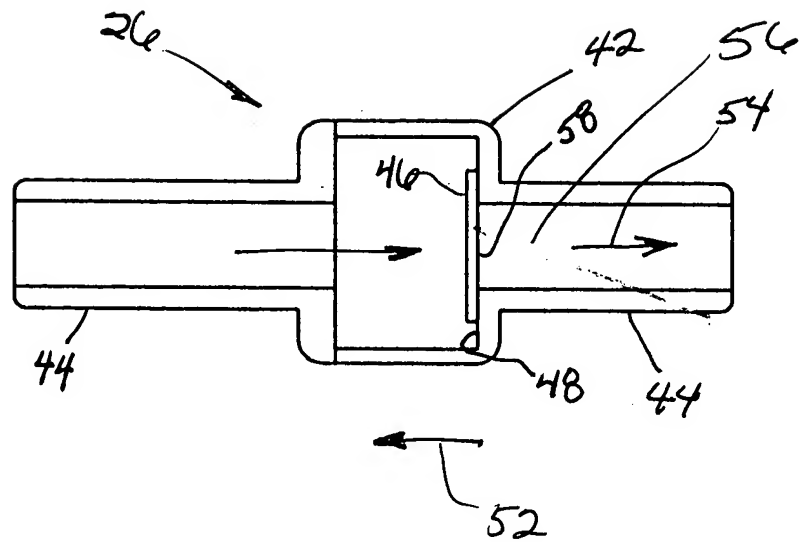


FIG. 4B

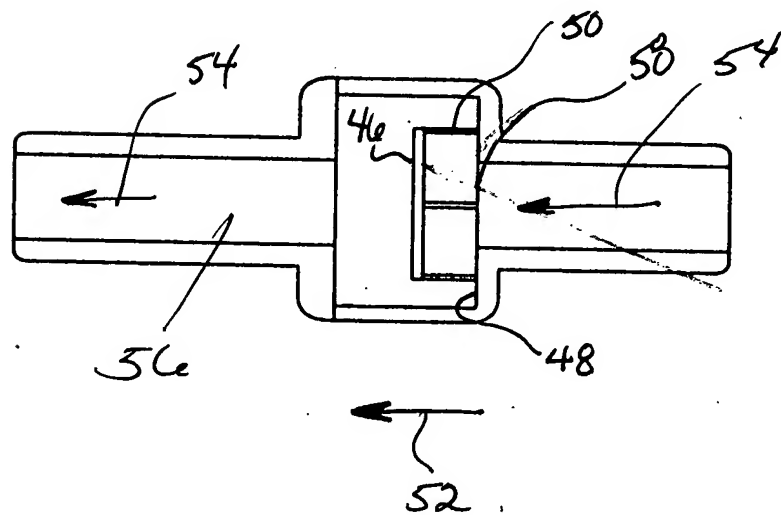


FIG. 5

